



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER (Large Entity)

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Application Number: **10/724,773**

Group Art Unit: **2617**

Filed: **December 2, 2003**

Examiner Name: **STEIN, Julie**

Applicant: **ZHU**

Attorney Docket Number: **20-526**

TITLE: USER PLANE LOCATION BASED SERVICE USING MESSAGE TUNNELING TO SUPPORT ROAMING

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Total number of pages in this submission: 11

SIR:

Transmitted herewith are:

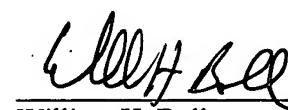
1. Information Disclosure Statement Transmittal – 2 pages;
2. PTO – 1449 – 8 pages;
3. Check in the amount of \$180.00.

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Enclosed is a check in the amount of **\$180.00** In the event of non-payment or improper payment of a required fee, the Director is authorized to charge or to credit **Deposit Account No. 50-0687 under Order No. 20-526** as required to correct the error.

Respectfully submitted,



William H. Bollman
Reg. No.: 36,457
Attorney for Applicant(s)

Date: August 23, 2007
Manelli Denison & Selter PLLC
2000 M Street, NW 7th Floor
Washington, DC 20036-3307
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of application of:

ZHU

Group Art Unit: 2617

Serial No. 10/724,773

Examiner: Stein, Julie

Filed: December 2, 2003

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Title: USER PLANE LOCATION BASED SERVICE USING MESSAGE TUNNELING
TO SUPPORT ROAMING

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is being submitted under Rule 1.97(c).

I hereby state that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

This information Disclosure Statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 1.97(f), to enable the Applicant to comply fully.

08/24/2007 MAHMED1 00000051 10724773

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Consideration of the foregoing and enclosures plus the return of a copy of the herewith Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 along with an early action on the merits of this application are earnestly solicited.

Respectfully submitted,

Aug. 23, 2007

Date

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AUG 23 2007

To: U.S. Department of Commerce

Atty.

M#

Client Ref.

Bollman

20-526

20-526

Applicant: ZHU

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Examiner: STEIN

Group Art Unit: 2617

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

Date: August 23, 2007

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U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	6,980,816	12/2005	Rohles			
BR	6,973,320	12/2005	Brown et al.			
CR	6,965,754	11/2005	King			
DR	6,961,562	11/2005	Ross			
ER	6,961,019	11/2005	McConnell et al.			
FR	6,930,634	8/2005	Peng et al.			
GR	6,917,331	7/2005	Groneneyer			
HR	6,912,395	6/2005	Berer et al.			
IR	6,867,734	3/2005	Voor			
JR	6,856,282	4/2005	Mauro et al.			
KR	6,829,475	12/2004	Lee et al.			
LR	6,804,524	10/2004	Vandermeijden			
MR	6,778,885	8/2004	Agashe et al.			
NR	6,778,136	8/2004	Groneneyer			

FOREIGN PATENT DOCUMENTS

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U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
AR	6,775,802	8/2004	Gaal			
BR	6,756,938	6/2004	Zhao et al.			
CR	6,745,038	6/2004	Callaway			
DR	6,741,842	5/2004	Goldberg et al.			
ER	6,718,174	4/2004	Vayanos			
FR	6,665,539	12/2003	Sih et al.			
GR	6,633,255	10/2003	Krasner			
HR	6,618,670	9/2003	Chansarkar			
IR	6,606,495	8/2003	Korpi et al.			
JR	6,594,500	7/2003	Bender et al.			
KR	6,542,743	4/2003	Soliman			
LR	6,539,200	2/2003	Schiff			
MR	6,512,922	1/2003	Burg et al.			
NR	6,975,266	12/2005	Abraham et al.			

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AR	6,968,195	11/2005	Nowak			
BR	6,957,073	10/2005	Bye			
CR	6,950,058	9/2005	Davis et al.			
DR	6,944,540	9/2005	King et al.			
ER	6,941,144	9/2005	Stein			
FR	6,937,872	8/2005	Krasner			
GR	6,937,187	8/2005	van Diggelen			
HR	6,915,208	7/2005	Garin et al.			
IR	6,907,238	6/2005	Leung			
JR	6,907,224	6/2005	Younis			
KR	6,904,029	6/2005	Fors et al.			
LR	6,903,684	6/2005	Simic et al.			
MR	6,900,758	5/2005	Mann et al.			
NR	6,895,249	5/2005	Gaal			

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AR	6,895,238	5/2005	Nevell et al.			
BR	6,888,497	5/2005	King et al.			
CR	6,885,940	4/2005	Brodie et al.			
DR	6,865,395	3/2005	Riley			
ER	6,861,980	3/2005	Rowitch et al.			
FR	6,853,916	2/2005	Fuchs et al.			
GR	6,842,715	1/2005	Gaal			
HR	6,839,021	1/2004	Sheynblat et al.			
IR	6,839,020	1/2005	Geir et al.			
JR	6,816,734	11/2004	Wong et al.			
KR	6,816,710	11/2004	Krasner			
LR	6,816,111	11/2004	Krasner			
MR	6,813,560	11/2004	van Diggelen			
NR	6,810,323	10/2004	Bullock et al.			

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AR	6,801,159	10/2004	Swope et al.			
BR	6,799,050	11/2004	Krasner			
CR	6,795,699	9/2004	McCraw et al.			
DR	6,788,249	9/2004	Farmer et al.			
ER	6,757,544	6/2004	Rangarajan et al.			
FR	6,751,464	6/2007	Burg et al.			
GR	6,748,195	6/2004	Philips			
HR	6,747,596	6/2004	Orler			
IR	6,738,013	5/2004	Orler			
JR	6,734,821	5/2004	van Diggelen			
KR	6,731,940	5/2004	Nagendran			
LR	6,725,159	4/2004	Krasner			
MR	6,724,342	4/2004	Bloebaum et al.			
NR	6,720,915	4/2004	Sheynblat			

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AR	6,707,421	3/2004	Drury et al.			
BR	6,704,651	3/2004	van Diggelmen			
CR	6,703,972	3/2004	van Diggelmen			
DR	6,703,971	3/2004	Pande et al.			
ER	6,701,144	3/2004	Kirbas et al.			
FR	6,697,629	2/2004	Grilli et al.			
GR	6,694,258	2/2004	Johnson et al.			
HR	6,680,695	1/2004	Turetzky et al.			
IR	6,680,694	1/2004	Knockeart et al.			
JR	6,677,894	1/2004	Sheynblat et al.			
KR	6,671,620	12/2003	Garin et al.			
LR	6,665,541	12/2003	Krasner et al.			
MR	6,661,372	12/2003	Girerd et al.			
NR	6,640,184	10/2003	Rabe			

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AR	6,628,233	9/2003	Knockeart et al.			
BR	6,621,452	9/2003	Knockeart et al.			
CR	6,611,757	8/2003	Brodie			
DR	6,609,004	8/2003	Morse et al.			
ER	6,606,554	8/2003	Edge			
FR	6,597,311	7/2003	Sheynblat et al.			
GR	6,574,558	6/2003	Kohli			
HR	6,570,530	5/2003	Gaal et al.			
IR	6,560,534	5/2003	Abraham et al.			
JR	6,556,832	4/2003	Soliman			
KR	6,549,844	4/2003	Egberts			
LR	6,539,304	3/2003	Chansarkar			
MR	6,531,982	3/2003	White et al.			
NR	6,529,829	3/2003	Turetzky et al.			

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AR	6,522,682	2/2003	Kohli et al.			
BR	6,519,466	2/2003	Pande et al.			
CR	6,515,623	2/2003	Johnson			
DR	6,510,387	1/2003	Fuchs et al.			
ER	6,505,049	1/2003	Dorenbosch			
FR	6,504,491	1/2003	Christians			
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